



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Yoshio HARADA et al.

Group Art Unit : Not Yet Assigned

Appl. No. : 10/560,522  
(U.S. National Stage of PCT/JP2005/014356)

I.A. Filed : July 29, 2005

Examiner : Not Yet Assigned

For : Y<sub>2</sub>O<sub>3</sub> SPRAY-COATED MEMBER AND PRODUCTION  
METHOD THEREOF

## INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
U.S. Patent and Trademark Office  
Customer Service Window, Mail Stop AMENDMENT  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Sir :

In accordance with the duty of disclosure under 37 C.F.R. § 1.56 and §§1.97-1.98, Applicants hereby bring the following information to the attention of the Examiner in charge of the above-identified application, which includes information cited and discussed in the specification and the International Search Report issued in connection with International Patent Application No. PCT/JP2005/014356, of which the present application is the U.S. National Stage Application. A copy of the International Search Report was enclosed with the papers when entering the U.S. National Stage on December 13, 2005. The Examiner is invited to review these materials to inspect the relevance indicated during international examination with respect to the documents cited therein.

The following is a list of the documents cited in the above-noted documents:

- (1) JP 2001-164354, together with an English language abstract of the same, and patent family member U.S. Patent Application Publication No. 2002/0177001. Applicants note that the Japanese document is cited on page 3 of the specification of the present application;
- (2) JP 2004-149915, together with an English language abstract of the same;
- (3) JP 2005-256098, together with an English language abstract of the same;
- (4) JP 01-139749, together with an English language abstract of the same. Applicants note that the document is cited on page 1 of the specification of the present application;
- (5) JP 2000-054802, together with an English language abstract of the same. Applicants note that the document is cited on page 2 of the specification of the present application;
- (6) JP 06-196421, together with an English language abstract of the same. Applicants note that the document is cited on page 3 of the specification of the present application;
- (7) JP 10-004083, together with an English language abstract of the same. Applicants note that the document is cited on page 3 of the specification of the present application;

(8) JP 10-163180, together with an English language abstract of the same.

Applicants note that the document is cited on page 3 of the specification of the present application;

(9) JP 61-104062, together with an English language abstract of the same.

Applicants note that the document is cited on page 3 of the specification of the present application;

(10) JP 09-316624, together with an English language abstract of the same.

Applicants note that the document is cited on page 3 of the specification of the present application;

(11) JP 09-327779, together with an English language abstract of the same.

Applicants note that the document is cited on page 3 of the specification of the present application;

(12) JP 10-202782, together with an English language abstract of the same.

Applicants note that the document is cited on page 4 of the specification of the present application.

Further, Applicants call to the Examiner's attention the following documents:

(13) JP 64-039728, together with an English language abstract of the same;

(14) JP 03-115535, together with an English language abstract of the same;

(15) JP 05-117064, together with an English language abstract of the same;

(16) JP 05-238859, together with an English language abstract of the same;

(17) JP 06-057396, together with an English language abstract of the same;

- (18) JP 06-136505, together with an English language abstract of the same;
- (19) JP 06-142822, together with an English language abstract of the same;
- (20) JP 07-126827, together with an English language abstract of the same;
- (21) JP 07-176524, together with an English language abstract of the same;
- (22) JP 08-037180, together with an English language abstract of the same;
- (23) JP 08-339895, together with an English language abstract of the same;
- (24) JP 09-069554, together with an English language abstract of the same;
- (25) JP 09-272987, together with an English language abstract of the same;
- (26) JP 10-045461, together with an English language abstract of the same;
- (27) JP 10-045467, together with an English language abstract of the same;
- (28) JP 11-080925, together with an English language abstract of the same;
- (29) JP 11-207161, together with an English language abstract of the same;
- (30) JP 2001-31484, together with an English language abstract of the

same.

- (31) JIS Using Series, "Spraying Techniques Manual", p. 95 (October 30, 1998, Japanese Standard Association), together with English language translation of the same;

(32) U.S. Patent No. 5,316,859;

(33) U.S. Patent No. 5,397,650;

(34) U.S. Patent No. 5,472,793;

(35) U.S. Patent No. 6,180,259;

(36) U.S. Patent No. 6,132,890;

- (37) U.S. Patent No. 6,326,063;
- (38) U.S. Patent No. 6,383,964;
- (39) U.S. Patent No. 6,783,863;
- (40) U.S. Patent No. 6,884,516; and
- (41) U.S. Patent Application Publication No. 2005/0147852.

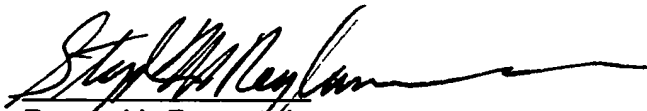
Further to 37 C.F.R. §1.98, copies of the U.S. patents and the U.S. patent application publications are not enclosed herewith. However, if copies are needed, the Examiner is respectfully requested to contact the undersigned.

Applicants respectfully request that the Examiner consider the above material and cite the same. Copies of the above-noted foreign documents are attached hereto and all of the above-noted documents are listed on the attached PTO-1449 Form. The Examiner is requested to initial the appropriate spaces on the attached Form and to return a copy of the completed Form to Applicants with the next official communication in the present application.

Applicant notes that an Office Action on the merits has not issued in the present application, and thus no fee is believed necessary to ensure consideration of the submitted material.

Should the Examiner have any questions, the Examiner is invited to contact the undersigned at the below-listed telephone number.

Respectfully Submitted,  
Yoshio HARADA et al.

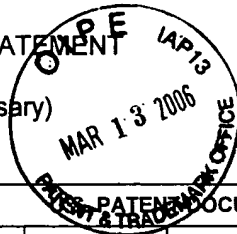
A handwritten signature in black ink, appearing to read "Stephen M. Roylance", is written over a horizontal line.

Bruce H. Bernstein  
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Stephen M. Roylance  
Reg. No. 31,296

March 13, 2006  
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FORM PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeAtty. Docket No.  
P28972Application No.  
10/560,522INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT  
(Use several sheets if necessary)Applicant  
Yoshio HARADA et al.Filing Date  
I.A. Filed July 29, 2005Group  
Not Yet Assigned

PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2002 /	0 1 7 7 0 0 1	11/28/02	HARADA et al.			
		5 3 1 6 8 5 9	05/31/94	HARADA et al.			
		5 3 9 7 6 5 0	03/14/95	HARADA et al.			
		5 4 7 2 7 9 3	12/05/95	HARADA et al.			
		6 1 8 0 2 5 9	01/30/01	HARADA et al.			
		6 1 3 2 8 9 0	10/17/00	HARADA et al.			
		6 3 2 6 0 6 3	12/04/01	HARADA et al.			
		6 3 8 3 9 6 4	05/07/02	NAKAHARA et al.			
		6 7 8 3 8 6 3	08/31/04	HARADA et al.			
		6 8 8 4 5 1 6	04/26/05	HARADA et al.			
	2005 /	0 1 4 7 8 5 2	07/07/05	HARADA et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	2001	- 1 6 4 3 5 4	06/19/01	JAPAN				
	2004	- 1 4 9 9 1 5	05/27/04	JAPAN				
	2005	- 2 5 6 0 9 8	09/22/05	JAPAN				
	01	- 1 3 9 7 4 9	06/01/89	JAPAN				
	2000	- 0 5 4 8 0 2	02/22/00	JAPAN				
	06	- 1 9 6 4 2 1	07/15/94	JAPAN				
	10	- 0 0 4 0 8 3	06/01/98	JAPAN				
	10	- 1 6 3 1 8 0	06/19/98	JAPAN				
	61	- 1 0 4 0 6 2	05/22/86	JAPAN				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	1	English Language Abstract of JP 2001-164354.
	2	English Language Abstract of JP 2004-149915.
	3	English Language Abstract of JP 2005-256098.
	4	English Language Abstract of JP 01-139749.
	5	English Language Abstract of JP 2000-054802.
	6	English Language Abstract of JP 06-196421.
	7	English Language Abstract of JP 10-004083.
	8	English Language Abstract of JP 10-163180.
	9	English Language Abstract of JP 61-104062.

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DATE CONSIDERED

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

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P28972Application No.  
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	09	- 3 1 6 6 2 4	09/12/97	JAPAN			
	09	- 3 2 7 7 7 9	12/22/97	JAPAN			
	10	- 2 0 2 7 8 2	04/08/98	JAPAN			
	64	- 0 3 9 7 2 8	02/10/89	JAPAN			
	03	- 1 1 5 5 3 5	05/16/91	JAPAN			
	05	- 1 1 7 0 6 4	05/14/93	JAPAN			
	05	- 2 3 8 8 5 9	09/17/93	JAPAN			
	06	- 0 5 7 3 9 6	03/01/94	JAPAN			
	06	- 1 3 6 5 0 5	05/17/94	JAPAN			
	06	- 1 4 2 8 2 2	05/24/94	JAPAN			
	07	- 1 2 6 8 2 7	05/16/95	JAPAN			
	07	- 1 7 6 5 2 4	07/14/95	JAPAN			
	08	- 0 3 7 1 8 0	02/06/96	JAPAN			
	08	- 3 3 9 8 9 5	12/24/96	JAPAN			
	09	- 0 6 9 5 5 4	03/11/97	JAPAN			

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14	English Language Abstract of JP 03-115535.
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23	English Language Abstract of JP 08-339895.
24	English Language Abstract of JP 09-069554.

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**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

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